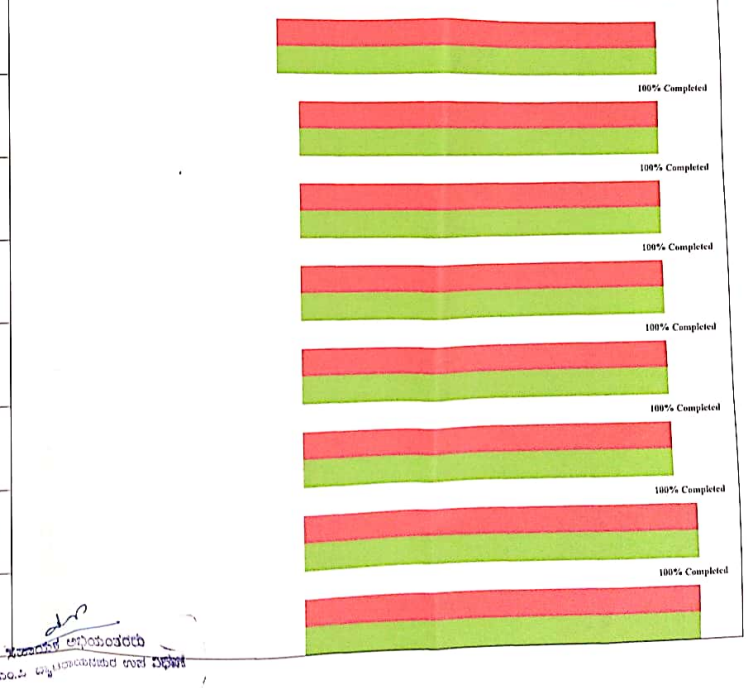
BRUHAT BENGALURU MAHANAGARA PALIKE

Clients Name	: Executive Engineer Byatarayanapura Division
Project Name	: Providing New Borewells and CC Roads, Drains Developments in Rachenahalli and Other Adjusted Layouts.
Consultants	: Rudraprasad Consultants
Project Manager /Team Leader	: Karthik Reehan
Project Start Date	: 8-Nov-19
Project End Date	: 4-Aug-22
Project Length in Months	: 31 Months

Sl No	Assignment	Unit	Modified Qnty	ExecutedQnty	% Of Work done	Start Date	End Date	No. of Working Days
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer in charge	Cum	876.54	876.54	100	22-12-20	06-05-22	500
2	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC of 220kgs, with 40mm and down size graded granite metal coarse aggregates of 0.892cum and fine aggregates of 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials, labour, IROM curing complete as per specifications and as per the directions of the	Cum	127.53	127.53	100	08-01-21	18-05-22	495
3	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs With 20mm and Down size granite metal coarse aggregate at 0.63cum and fine aggregate at 0.43cum Machine mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,IROM of Machinery,Curing Etc. Complete Including cost of steel as per work MS 07.01	Cum	283.20	283.20	100	13-01-21	31-05-22	503
4	Providing 1M 1 Bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and cash cost of materials, labour, IROM of machinery complete as per specifications and as per the	tonne	15.61	15.61	100	09-01-21	24-05-22	500
5	Providing and Laying pre cast covering Slab made out of CC 1:2:4 with 150mm thick and Finishing cutting ,including form work,casing including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete as per specifications and as per the directions of the Engineer in charge (Data Rate)	Sqm	695.06	695.06	100	20-01-21	15-05-22	480
6	Providing and Laying pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,casing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete as per specifications and as per the directions of the Engineer in charge	Sqm	102.90	102.90	100	20-01-21	15-05-22	480
7	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stack piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications and as per the directions of the Engineer in charge	Cum	777.51	777.51	100	23-01-21	02-06-22	495
8	Excavation for earthwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer in charge	Cum	1547.45	1547.45	100	25-01-21	04-06-22	495



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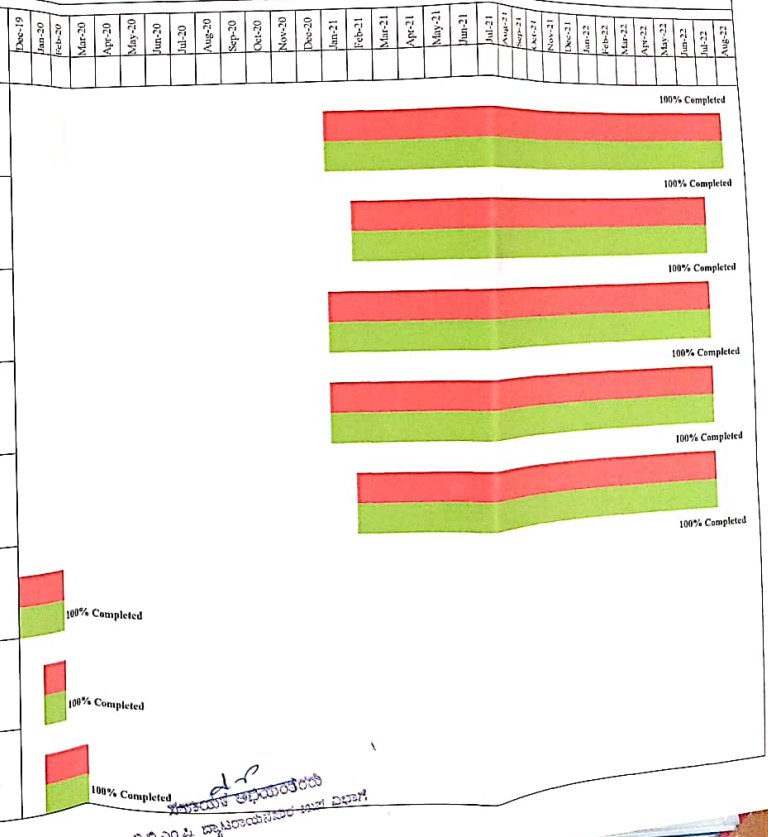
9	Stone dust / Grit 4.75 mm to 0.075 mm For Road Strengthening For UGD Cut portion ,complete as per specifications and as per the directions of the Engineer in charge	Cum	402.23	402.23	100	12-02-21	17-07-22	520
10	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with	Cum	402.23	402.23	100	05-02-21	15-06-22	495
11	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer in charge	Sqm	4420.70	4420.70	100	26-01-21	05-06-22	495
12	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing	Cum	687.13	687.13	100	31-01-21	10-06-22	495
13	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity	Cum	687.92	687.92	100	02-02-21	30-06-22	513
14	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf	Each BW	2.00	2.00	100	20-12-19	24-01-20	35
15	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the	Rmtr	100.00	100.00	100	09-01-20	29-01-20	20
16	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends	Rmtr	140.00	140.00	100	29-01-20	13-02-20	15



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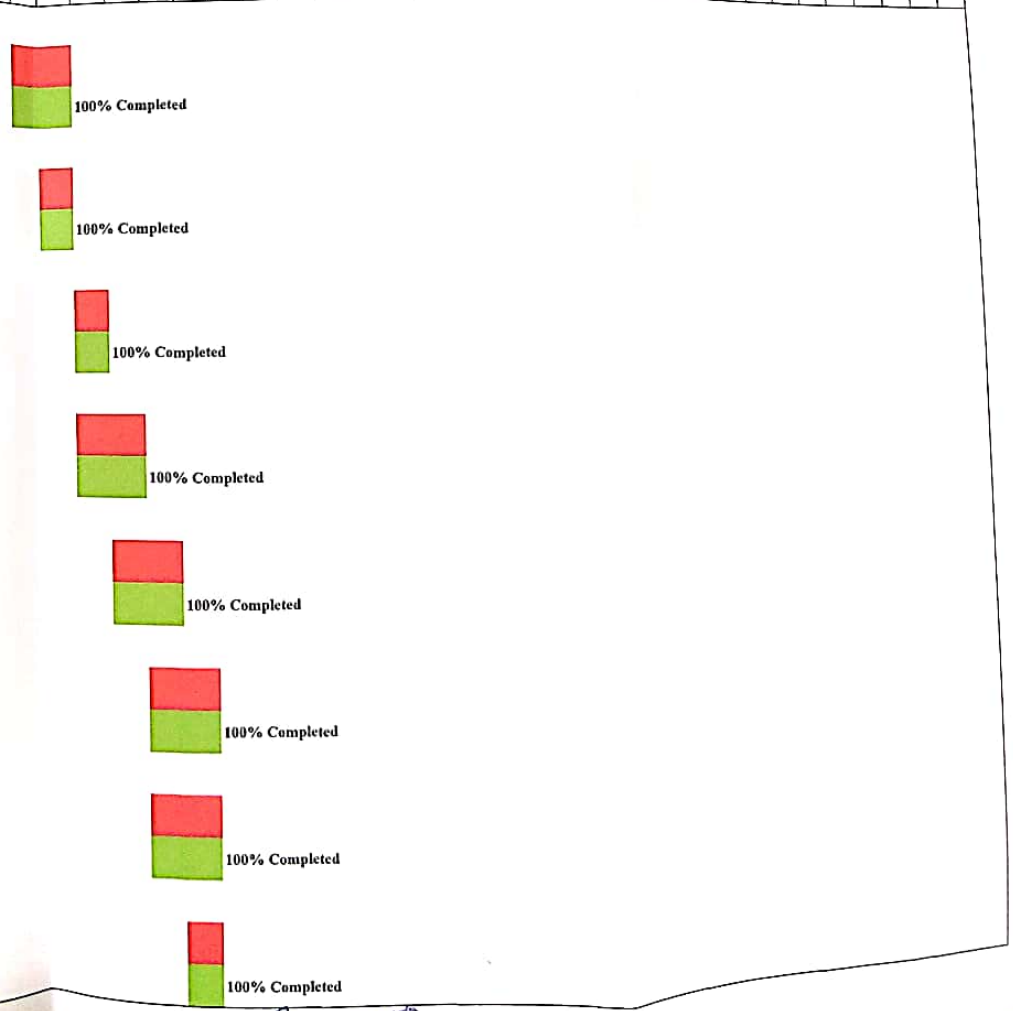
17	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694.1990 & confirming to GTP	Mtr	1080.00	1080.00	100	18-02-20	14-03-20	25
18	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) complete as per specifications and as per the directions of the Engineer in charge	Per Length	90.00	90.00	100	09-03-20	24-03-20	15
19	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete as per specifications and as per the directions of the Engineer in charge	Each	2.00	2.00	100	03-04-20	23-04-20	20
20	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A, complete as per specifications	Mtr	60.00	60.00	100	28-04-20	13-05-20	15
21	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.complete as per specifications and as per the directions of the Engineer in charge	Mtr	60.00	60.00	100	18-05-20	07-06-20	20
22	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete as per specifications and as per the directions of the Engineer in charge	Mtr	50.00	50.00	100	02-06-20	02-07-20	30
23	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV complete as per specifications and as per the directions of the Engineer in charge	Mtr	8.00	8.00	100	22-06-20	12-07-20	20
24	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete as per specifications and as per the directions of the Engineer in charge	No.	2.00	2.00	100	02-07-20	27-07-20	25



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25	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI	No.	2.00	2.00	100	12-07-20	01-08-20	20
26	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers complete as per specifications and as per the directions of the Engineer in charge	No.	12.00	12.00	100	22-07-20	06-08-20	15
27	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN complete as per specifications and as per the directions of the Engineer in	No.	2.00	2.00	100	01-08-20	15-08-20	14
28	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint	Sq.Cm	46800.00	46800.00	100	11-08-20	23-08-20	12
29	Earthwork excavation for pipeline trenches including depositing or bank up to a lead of 50 mtrs including shirry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following structure manhole complete as per specifications and as per the directions of the Engineer in charge	Cum	675.00	675.00	100	21-08-20	31-08-20	10
30	Providing and instalation at site of works P.V.C Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., complete as per specifications and as per the	Rmtr	1500.00	1500.00	100	28-08-20	07-09-20	10
31	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and as per the directions of the Engineer in charge	Cum	675.00	675.00	100	07-09-20	17-09-20	10
32	Code No.: 3008 Providing 250mm dia PVC Pipe 10kg/cmcomplete as per specifications and as per the directions of the Engineer in charge	Rmtr	36.00	36.00	100	17-09-20	27-09-20	10

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33	Providing and fixing Borewell Cap and Clamp Set complete as per specifications and as per the directions of the Engineer in charge	Set	2.00	2.00	100	24-09-20	04-10-20	10
34	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction	No	2.00	2.00	100	04-10-20	14-10-20	10
35	Providing GI Pipe 50 mm 'B' Class Pcomplete as per specifications and as per the directions of the Engineer in charge	m	520.00	520.00	100	14-10-20	24-10-20	10
36	Providing Collar 50 mmcomplete as per specifications and as per the directions of the Engineer in charge	No	90.00	90.00	100	24-10-20	03-11-20	10
37	Providing and fixing 50mm nominal bore gun metal non-return complete as per specifications and as per the directions of the Engineer in charge	Nos	2.00	2.00	100	08-11-20	23-11-20	15
38	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.- for 50mm dia complete as per specifications and as per the directions of the Engineer in charge	Each	2.00	2.00	100	22-11-20	02-12-20	10
39	Providing outdoor panel upto 15.00 HP complete as per specifications and as per the directions of the Engineer in charge	No.	2.00	2.00	100	02-12-20	12-12-20	10
40	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 65mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and as per the directions of the Engineer in charge	Each	15.00	15.00	100	09-12-20	19-12-20	10

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E1	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer in charge	Cum	11.10	11.10	100	30-04-22	25-05-22	25
E2	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. and as per the directions of the Engineer in charge	Sqm	0.83	0.83	100	18-05-22	12-06-22	25

Dec-19 Jan-20 Feb-20 Mar-20 Apr-20 May-20 Jun-20 Jul-20 Aug-20 Sep-20 Oct-20 Nov-20 Dec-20 Jan-21 Feb-21 Mar-21 Apr-21 May-21 Jun-21 Jul-21 Aug-21 Sep-21 Oct-21 Nov-21 Dec-21 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 Jul-22 Aug-22

100% Completed

100% Completed

Planned %

Executed %

RUDRAPRASAD CONSULTANTS BANGALORE

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